AUTHOR INDEX

Volume 24

Aga, J. A. 307
Albasel, N. 103
Allen, H. E. 253
Al-Saad, H. T. 237
Archibold, O. W. 63

Balicki, M. R. 339
Bauerle, B. A. 375
Braen, S. N. 215
Brzezinska-Paudyn, A. 339
Brezonik, P. L. 207

Castillo, R. A. 323
de Catanzaro, J. B. 153
Cervelli, S. 397
Chapman, B. 361
Chaudhry, H. S. 173
Child, R. D. 375
Cottenie, A. 103
Crumbly, I. J. 405

Davies, B. E. 329
De, A. K. 351
Devan, S. P. 121
Dierberg, F. E. 207
Douabul, A. A. Z. 237
Driscoll, C. T. 85, 121
Dufour, C. M. L. 361

Effler, S. W. 121
Eisenreich, S. J. 27
Ellson, J. E. 177
Evans, R. D. 141

Franco, P. J. 283

Gailey, F. A. 1
Giddings, J. M. 283
Gill, T. S. 165
Gowda, T. P. H. 189

Haas, C. N. 253
Heit, M. 41
Herbes, S. E. 283
Honstein, R. 121
Hutchinson, T. C. 153
Hutton, M. B. 77

Jana, S. 351
Jaran, P. 121
Jones, K. C. 329

Kadlecek, J. 323
Karra, S. B. 253
Khemani, K. T. 131
Koe, L. C. C. 297
Kollig, H. P. 267
Kumar, N. R. 131
Kurtz, R. G. 189

Li, S. W. 443
Lloyd, O. Ll, 1
Linthurst, R. A. 177
Lock, J. D. 189
Lore, J. A. 361
Lusty, C. W. 431

Malanchuk, J. L. 267
McComas, S. R. 27
McKay, G. 307
McLaren, S. 323
Modak, D. P. 351
Momin, G. A. 131
Murty, Bh. V. R. 131

Nath, K. 173
Nosal, M. 361

O'Malley, M. L. 443
Ormrod, D. P. 19
Otterburn, M. S. 307

Pant, J. C. 165
Perna, A. 397
Peterson, P. J. 329

Rigler, F. H. 141
Riley, R. G. 443
Rogers, J. E. 443

Saad, M. A. H. 27
Sastry, K. V. 247
Saxena, P. 419
Schecher, W. D. 85
Schroder, L. J. 177
Seigneur, C. 419
Selvidge, W. J. 405
Sen, A. K. 351
Siddiqui, A. A. 247
Southworth, G. R. 283
Stratigakos, A. 19

Tare, V. 253

Taylor, G. E. 405
Thomas, B. L. 443
Thompson, M. E. 77
Trevors, J. T. 431
Trlica, M. J. 375

Van Loon, J. C. 339
Vozzo, S. F. 177

Weinstein, L. H. 215
Wodka, M. C. 121

SUBJECT INDEX

Volume 24

Acid deposition 361
Adsorption
  waste water treatment 307
Aerosol 131
Ag
  water content 329
Aitken nuclei 131
Al
  effects on plants 215
Algae
  metal effects 85
Alkylpyridine
  ground water 443
Ammonium
  Ni effects 153
  sediment removal 207
Aquatic microcosms
  phenol effects 283
Aquatic plants
  Hg content 351
Atmospheric depostion
  S 361
  sulphate 361
Atmospheric pollution
  F and Al 215
  metals 1
  moosbag collection 63
  SO_2 323, 405
Atmospheric transport
  Pb 141
  SO_2 323

BASIC
  LD_{50} computer program 431
Biodegradation
  alkhylpyridine 443
Blue-gree alga
  metal effects 85
Bulk precipitation
  S 361

Carcinogenicity studies 189
Cd
  water content 329
Chlorophyll
  Hg effects 351
  SO_2 effects 19
Cloud chemistry 419
Cloud properties 131

Coal burning
  effects on plants 375
  PAH source 41
Coal oil
  phenols 283
Cr
  industrial waste water 253
Cu
  algae effects 85
  grass 103
  industrial waste water 253
  soil 103
  water content 329

DDT
  lake sediments 27
Demitrification
  swamp sediments 207
Dry deposition
  sulphate 77
Dust
  metals 63
Dyestuff organics
  waste water treatment 307

Ecological effects
  microcosm 267
Environmental transport
  hazardous compound 189
Erosion, wind
  U tailings 63

F
  effects on plants 375
Fired clay
  waste water treatment 307
Fish
  Hg effects 165
  Ni effects 173
  pesticide effects 247
Fluoride
  effects on plants 215
Forest soils
  Ni effects 153
Fugacity model 189
Fuller's earth
  waste water treatment 307

Grass
effects of F and Al 215
metals 1
SO_2 effects 375
Groundwater
alkylpyridine 443

Herbicides
effects on soil microorganisms 397
Hg
aquatic plants 351
effects on fish 165
H_2S
odor 293

ICP emission spectroscopy 339
Industrial waste water
absorption treatment 307
precipitation treatment 253
Insecticides
effects on soil microorganisms 397

Lake
chemical pollution 121
P pollution 121
Lake, Nile
DDT 27
metals 27
PCB 27
Lake sediments
Pb 141
Lake sulphate 77
LD_{50}
computer program 431

Marine particulates 339
Metals
content in marine particulates 339
grass 1
lake 27
Pb 329
soil 1
Microcosm
modeling 267
Moss bag
atmospheric monitoring 63
Mutagenicity studies 189

N
sediment removal 207
N leaching
Ni effects 153
N mineralization
Ni effects 153
N processes
Ni effects 153

Ni
effects on fish 173
effects on N processes 153
industrial waste water 253
Nitrate
Ni effects 153
sediment removal 207
Nitrification
Ni effects 153
Nitrite
sediment removal 207
Nutrient cycling 267

O_3
photochemical oxidant 419
Odor
H_2S 297
Olfactometer 297

P cycling 121
lake 121
sediment removal 207
PAH coal burning 41
Pb
effects on algae 85
grass 103
industrial waste water 253
lake 141
soil 103
water content 329
PCB
lake sediments 27
Pesticide
effects on fish 247
Petroleum hydrocarbons
river content 237
pH, soil
smelter effects 215
phenols
effects on aquatic microcosms 283
Photochemical oxidant
O_3 419
Phytoxicity
F and Al 215
Plants
effects of F and Al 215
effects of SO_2 19, 375, 405
metal uptake 103
Pb content 329
Plasma emission spectroscopy
metals 63
Precipitation sampling 177
Precipitator
electrostatic 131
industrial waste water 253

Rain
sampling effeciciency 177
Risk assessment
hazardous compound 189
River
petroleum hydrocarbon content 237

S
deposition 361
nutrition 19
Sediment
N and P. removal 207
P cycling 121
Pb 141
Sediments, lake
DDT 27
PAH 41
Pb 141
PCB 27
Settling
P 121
Sevin
effects on fish 247
Sewage
odor 293
SO_2
atmospheric transport 323
effects on plants 374, 405
effects on tomatoes 19
Soil
metals 1
Ni effects 153
smelter effects 215
Soil microorganisms
herbidice effects 397
insecticide effects 397
Sour gas plant 361
Spectrofluorometrometry
petroleum hydrocarbons 23
Sulphate
effects on tomatoes 19
lake 77

Trace gases 131
Trees
F and Al effects 215

U tailings
dust content 63

Vegetation
effects of F and Al 215
effects of SO_2 19, 375, 405
metals 329
metal uptake 103

Waste water
industrial 253, 307
Water,
vertical mixing 121
Water analysis
metals 329
Water pollution
metals 329
Wet deposition
sulphate 77

Zn
grass 103
soil 103
water content 329